

Fastenal United Kingdom Test Lab Equipment

1000 kN (225,000 lb.) Tensile Tester---Testing externally threaded fasteners for tensile, proof load, and yield strengths; Testing internally threaded fasteners for proof loads. Software: Powertest Version 3.5.

Rockwell Hardness Tester--- Testing Rockwell hardness in the B and C scales, and surface hardness on the 30N.

Ring and Plug Gauges---Go and No-Go thread inspection for inch and metric sizes.

Optical Comparator---Dimensional inspection of linear measurements, angles, thread profiles, and radiuses.

Drive Test Plates, Torsional Collets, and Ductility Blocks---Performance testing for tapping, thread cutting, and thread rolling screws.

Recess Checker---Recess depth and penetration depth on cross-recessed, hex, and slotted drives.

Protrusion Gauge---Measurement of head protrusion on countersunk fasteners.

Digital Indicator / Height Stand---Measurement of bolt length for before and after proof load.

CMM---Measurement of geometry of physical objects through discrete point sensing.

Additional Equipment:

Torque Wrenches, Digital Calipers, Digital Micrometer, Pitch Micrometers, 1-2-3 block